

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A completion assembly deployed within a well bore, comprising:

a base pipe having a sidewall with at least one hole through the sidewall;

a filter surrounding at least a portion of the base pipe;

a plurality of splines located between the base pipe and the filter; and

a rod selectively insertable between adjacent ~~splines to selectively cover~~ splines, selectively covering the at least one hole.

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Claim 2 (original): The completion assembly of claim 1 in which the number of holes per unit area of the sidewall varies along the length of the base pipe.

Claim 3 (original): The completion assembly of claim 2 wherein the number of holes per unit area of the sidewall, in conjunction with the placement of the rods, is chosen to produce a predetermined flow pattern for a predetermined well bore environment.

Claim 4 (original): The completion assembly of claim 1 in which size of the holes varies along the length of the base pipe

Claim 5 (original): The completion assembly of claim 4 wherein the sizes of the holes, in conjunction with the placement of the rods, are chosen to produce a predetermined flow pattern for a predetermined well bore environment.

Claim 6 (original): The completion assembly of claim 4 in which the number of holes per unit area of the sidewall varies along the length of the base pipe.

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Claim 7 (original): The completion assembly of claim 6 wherein the number of holes per unit area of the sidewall and the sizes of the holes, in conjunction with the placement of the rods, are chosen to produce a predetermined flow pattern for a predetermined well bore environment.

Claim 8 (previously presented): The completion assembly of claim 1 wherein the rod is adjustably placed by an operator just prior to deployment of the completion assembly into the well bore.

Claim 9 (original): The completion assembly of claim 1 further comprising an erosion inhibitor.

Claim 10 (currently amended): A completion assembly deployed within a well bore, comprising:

a base pipe having a central cavity enclosed by a sidewall, the sidewall having a plurality of holes therethrough; and

a sleeve circumferentially adjacent and rotatably attached to the base pipe, the sleeve having at least one opening therethrough, ~~and~~ wherein rotation of the sleeve relative to the base pipe aligns or misaligns the holes and the at least one ~~opening~~ opening, such that the completion assembly is adapted to vary ~~the~~ fluid communication between the well bore and the central cavity.

Claim 11 (original): The completion assembly of claim 10 in which the number of holes per unit area of the sidewall varies along the length of the base pipe.

B) Claim 12 (original): The completion assembly of claim 10 in which size of the holes varies along the length of the base pipe.

Claim 13 (original): The completion assembly of claim 12 in which the number of holes per unit area of the sidewall varies along the length of the base pipe.

Claim 14 (original): The completion assembly of claim 10 further comprising an erosion inhibitor.

Claim 15 (currently amended): The completion assembly of claim 10 wherein rotation of the sleeve relative to the base pipe aligns or misaligns the plurality of holes and the ~~openings~~ at least one opening to vary the point of entry into the base pipe.

Claim 16 (original): The completion assembly of claim 10 further comprising a filter surrounding at least a portion of the base pipe.

Claim 17 (currently amended): The completion assembly of claim 10 wherein the at least one opening ~~openings~~ are longitudinal slots.

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Claim 18 (original): The completion assembly of claim 10 wherein the sleeve is adjustably placed by an operator just prior to deployment of the completion assembly into the well bore.

Claim 19 (original): The completion assembly of claim 10 wherein the number of holes per unit area of the sidewall, in conjunction with the placement of the sleeve, is chosen to produce a predetermined flow pattern for a predetermined well bore environment.

Claim 20 (currently amended): A completion assembly deployed within a well bore, comprising:

a base pipe having a central cavity enclosed by a sidewall, the sidewall having a plurality of holes therethrough; and

a sleeve circumferentially adjacent and rotatably attached to the base pipe, the sleeve having at least one opening therethrough, ~~and~~ wherein rotation of the sleeve relative to the base pipe aligns or misaligns the holes and the ~~at least one opening~~ opening, such that the completion assembly is adapted to vary ~~the~~ fluid communication between the well bore and the central ~~cavity; and~~ cavity.

B1 wherein the number of holes per unit area of the sidewall and the sizes of the holes, in conjunction with the placement of the sleeve, are chosen to produce a predetermined flow pattern for a predetermined well bore environment.

Claim 21 (new): A method of controlling a production flow from a well bore, comprising:

B2 covering at least one of a plurality of holes defined by a base pipe;
disposing the base pipe in the well bore adjacent a formation; and
flowing production fluid from the formation, through one or more uncovered holes, into the base pipe.

Claim 22 (new): A method, according to claim 21, wherein flowing production fluid further comprises filtering the production fluids before it enters the base pipe.

Claim 23 (new): A method, according to claim 22, further comprising inhibiting erosion of a filter for filtering the production fluid.

Claim 24 (new): A method, according to claim 21, wherein covering the at least one of the plurality of holes further comprises inserting a rod between adjacent splines of the base pipe to cover the at least one hole.

Claim 25 (new): A method, according to claim 21, further comprising inhibiting erosion of the base pipe adjacent at least one of the plurality of holes.

Claim 26 (new): A method, according to claim 21, further comprising varying a size of the plurality of holes along a length of the base pipe.

Claim 27 (new): A method, according to claim 21, further comprising varying a number of the plurality of holes per unit area of the base pipe along the length of the base pipe.

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Claim 28 (new): A method of controlling a production flow from a well bore, comprising:

rotating a sleeve with respect to a base pipe such that an alignment of at least one opening defined by the sleeve and a plurality of holes defined by the base pipe is adjusted;

disposing the base pipe and the sleeve in the well bore adjacent a formation; and

flowing production fluid from the formation, through the aligned at least one opening and plurality of holes, into the base pipe.

Claim 29 (new): A method, according to claim ²⁸24, wherein flowing production fluid further comprises filtering the production fluid before it enters the base pipe.

Claim 30 (new): A method, according to claim 29, further comprising inhibiting erosion of a filter for filtering the production fluid.

Claim 31 (new): A method, according to claim 28, wherein rotating the sleeve with respect to the base pipe further comprises changing a point of entry of the production fluids into the base pipe.

Claim 32 (new): A method, according to claim 28, further comprising inhibiting erosion of the base pipe adjacent at least one of the plurality of holes.

B2 Claim 33 (new): A method, according to claim 28, further comprising varying a size of the plurality of holes along a length of the base pipe.

Claim 34 (new): A method, according to claim 28, further comprising varying a number of the plurality of holes per unit area of the base pipe along the length of the base pipe.
